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LUTAUD, Dominique [FR/FR];
Ancien Presbytère, FR-52360
Orbigny au Mont (FR).

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Joint Agent: CARL FREUDENBERG KG
Patents and Trademarks, 69465
Weinheim (DE)

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**Applicant (for all designated states with
the exception of the US):**
CARL FREUDENBERG KG [DE/DE]; Höhenweg,
2-4, 69469 Weinheim (DE)

(72)

Inventors; and

(75)

Inventors/Applicants
(for the US only)
Kammerer, Eric

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(54)

Title: SYSTEM FOR DETECTING THE ROTATIONAL MOTION OF A SHAFT

(57) Abstract: The invention relates to a system for detecting the rotational motion of a shaft in a machine housing, comprising a measuring transmitter, which is connected to the shaft, at least one measuring sensor, which is provided on the machine housing, and a measuring transducer connected to a measuring sensor. The invention is characterized in that the measuring sensor(s) (8 and 15 to 20) is/are supplied with current by a separate energy accumulator (11).

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